

A b s t r a c t

A process for preparing a multilayer surface protection coating for reinforced concrete for improving the corrosion protection of reinforced concrete structures or reinforced concrete construction parts which bear a first layer sprayed onto said reinforced concrete, substantially made of zinc, which is connected with the metal armoring of said reinforced concrete in an electrically conductive way and a second layer of a polymeric material is characterized in that:

- said second layer of low-viscosity polymers is applied to said first layer of zinc in the form of a continuous film; and
- a surface protection layer is applied on top thereof.

Further, there is disclosed a multilayer surface protection coating for reinforced concrete for improving the corrosion protection of reinforced concrete structures capable of bearing vehicles or reinforced concrete construction parts by layers present on the surface of said reinforced concrete, obtainable by the process according to the invention.